



1           8. The method of claim 1, wherein said DNA is  
2 obtained from an individual mammal which is MHC identical to  
3 the individual mammal from which said tissue is obtained.

1           9. The method of claim 1, wherein said DNA  
2 comprises an MHC class I gene.

1           10. The method of claim 1, wherein said DNA  
2 comprises an MHC class II gene.

1           11. The method of claim 1, wherein said DNA is  
2 inserted into said cell by transduction.

1           12. The method of claim 11, wherein said DNA is  
2 inserted into said cell by a retrovirus.

1           13. The method of claim 12, wherein said DNA is  
2 recipient is a human and said retrovirus is a Moloney-based  
3 retrovirus.

1           14. A method of inducing tolerance in a recipient  
2 mammal to a tissue obtained from a donor mammal of the same  
3 species, which tissue expresses an MHC antigen, said method  
4 comprising

5           inserting DNA encoding an MHC antigen of said donor  
6 into a bone marrow hematopoietic stem cell from said  
7 recipient mammal, and

8           allowing said MHC antigen encoding DNA to be  
9 expressed in the recipient.

1           15. The method of claim 14, wherein said cell is  
2 removed from said recipient prior to said insertion and  
3 returned to said recipient after said insertion.

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1           21. The method of claim 20, wherein said retrovirus  
2    is a Moloney-based retrovirus.